

Amendment to the Claims:

Please substitute the following claims for any prior set of claims

Claims 1-110 (Cancelled)

111. (New) An assembled bone implant comprising:

a first cortical bone portion;

a second cortical bone portion;

said first cortical bone portion and said second cortical bone portion having one or more through holes sized and positioned for receiving one or more retention pins for connecting said first cortical bone portion to said second cortical bone portion; and

one or more retention pins for connecting said first cortical bone portion to said second cortical bone portion to form said assembled bone implant.

112. (New) The assembled bone implant of claim 111, wherein said first cortical bone portion and said second cortical bone portion each have a D shape.

113. (New) The assembled bone implant of claim 112, wherein said first cortical bone portion is stacked over said second cortical bone portion.

114. (New) The assembled implant of claim 112, wherein said retention pin is selected from the group consisting of cortical bone, a bioabsorbable synthetic polymer and titanium.

115. (New) The assembled implant of claim 114, wherein said retention pin is cortical bone.

116. (New) The assembled implant of claim 111, wherein said first cortical bone

portion is a mirror image of said second cortical bone portion.

117. (New) The assembled implant of claim 112, wherein the graft has a beveled edge of defined radius.

118. (New) The assembled implant of claim 111, wherein said first cortical bone portion and said second cortical bone portion are in a stacked position relative to one another.

119. (New) The assembled implant of claim 116, wherein said first cortical bone portion and said second cortical bone portion are in a side-by-side position.

120. (New) The assembled implant of claim 112, wherein said first cortical bone portion and said second cortical bone portion are allograft bone.

121. (New) The assembled implant of claim 112, sized and shaped in the form of a cervical implant.

122. (New) The assembled implant of claim 112, having a height between 7 and 14 mm.

123. (New) The assembled implant of claim 111, wherein said one or more retention pins comprise a cancellous bone portion.

124. (New) The assembled implant of claim 123, wherein said cancellous bone portion is treated with a bone morphogenetic protein (BMP).

125. (New) The assembled implant of claim 112, wherein said implant has two opposing surfaces that are inscribed with teeth.

126. (New) A D-shaped assembled bone implant for implantation into a patient comprising:

a first cortical bone portion having a D shape; and

a second cortical bone portion having a D-shape;

said first cortical bone portion and said second cortical bone portion being superimposed to form D-shaped implant having the combined thickness of said first cortical bone portion and said second cortical bone portion, said D-shaped implant having a through-hole sized and positioned for receiving a retention pin for retaining said first cortical bone portion to said second cortical bone portion in stacked formation.

127. (New) The assembled implant of claim 126, wherein said retention pin is a cortical bone pin.

128. (New) The assembled implant of claim 126, wherein said retention pin is a cancellous bone portion is treated with a bone morphogenetic protein.